

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	204	(pulse with harmonic adj2 content) same frequency	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/17 09:54
L7	9	(US-20040207671-\$ or US-20050200640-\$ or US-20020039117-\$ or US-20010007460-\$).did. or (US-6276772-\$ or US-6672704-\$ or US-6378972-\$ or US-6116709-\$ or US-6652055-\$).did.	US-PGPUB; USPAT	OR	ON	2006/02/17 09:53
L9	4	(pulse with harmonic adj2 content) same frequency and (inkjet ink-jet (ink adj2 jet))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/17 09:55
L10	136	(pulse with harmonic) same frequency and (inkjet ink-jet (ink adj2 jet))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/17 09:55
L11	4	10 and 9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/17 09:57
L14	15	(harmonic adj2 content) same frequency and (inkjet ink-jet (ink adj2 jet))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/17 09:57

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20050200640".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 08:44

## EAST Search History

S2	189	("20010002836" "20010022596" "20010026294" "20010043241" "20020018082" "20020018083" "20020018085" "20020024546" "20020033644" "20020033852" "20020036666" "20020036669" "20020041315" "20020054311" "20020057303" "20020070992" "20020080202" "20020089558" "20020101464" "20020122085" "20020145637" "20020158926" "20020167559" "20030016275" "20030067500" "20030071869" "20030081025" "20030081040" "20030103095" "20030107617" "20030112297" "20030117465" "200301252885" "20030122888" "20030122899" "20030156157" "20030227497" "4266232" "4396923" "4510503" "4639735" "4695852" "4714935" "4717927" "4769653" "4972211" "5023625" "5109233" "5124722" "5172134" "5172141" "5173717" "5204695" "5221931" "5223937" "5264865" "5280310" "5285215" "5298923" "5305024" "5353051" "5354135" "5371520" "5438350" "5463416" "5466985" "5477246" "5510816" "5552809" "5576743" "5594476" "5631675" "5736993" "5739828" "5821953" "5975667" "5980015" "5988785" "5997123" "6007174" "6029896" "6046822" "6059394" "6074033" "6086189" "6089690" "6092886" "6095630" "6106091" "6106092" "6113209" "6123405" "6126263" "6149259" "6151050" "6155671" "6174038" "6186610" "6193343" "6217141" "6217159" "6231151" "6254213" "6257689" "6260741" "6270179" "6273538" "6276774" "6283568" "6283569" "6290315" "6290317" "6293639" "6296340" "6293642" "6299272" "6305773" "6312076" "6328395" "6328397" "6328398" "6328399" "6328402" "6331040" "6338542" "6350003" "6352328" "6352330" "6352335" "6354686" "6357846" "6364444" "6371587" "6378971" "6378973" "6382753" "6382754" "6386664" "6398331" "6412925" "6416149" "6419337" "6419339" "6428134" "6428135" "6428138" "6431675" "6431676" "6435666" "6443547" "6450602" "6450603" "6460959" "6460960" "6464315" "6467865" "6474767" "6474781"	US-PGPUB; USPAT	OR	ON	2006/02/13 11:42
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## EAST Search History

S3	5	("0983145" "0973644" "1011975" "0422870" "0783410").pn.	EPO; DERWENT	OR	ON	2006/02/13 11:43
S4	194	(S2 S3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/13 16:38
S5	4	(S2 S3) and (waveform) and (pulse) and actuator and ejection and (frequency with natural)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/13 11:47
S6	45	(drive with pulse) same (frequency with natural) and actuator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/13 12:32
S7	86	(frequency with natural) and printer and (droplet with ejection)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/13 13:27
S8	9	((period frequency) with (resonance resonant natural)) and ((drop droplet ink) with ejection) and (multipulse multi-pulse) same (waveform)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/13 14:34
S9	17	((drop droplet ink) with ejection) and (multipulse multi-pulse) same (waveform) and (pulse with period)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/13 14:52
S10	21	"347".clas. and (picoliters) same(nanogram)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/13 15:16
S12	14	((velocity speed) same (ejection) with (drop droplet)) and (mutlipulse multi-pulse)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/13 15:43
S13	2	((multipulse multi-pulse) near3 waveform) and (drive adj3 pulse) and actuator and ((natural resonant resonance) adj3 (period frequency))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/13 16:32

## EAST Search History

S15	9	((multipulse multi-pulse) near3 waveform) and ((natural resonant resonance) adj3 (frequency period))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/13 16:36
S16	3	(S2 S3) and (frequency and (multipulse multi-pulse))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/13 16:41
S17	126	(S2 S3) and (frequency)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/13 16:42
S18	46	(S2 S3) and (frequency with (\$pulse))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/13 16:41
S19	59	(S2 S3) and ((natural resonant resonance) adj3 (period frequency))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/13 16:42
S20	2253	(((\$pulse) near3 waveform) and ((natural resonant resonance) adj3 (period frequency))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 08:45
S21	50	(((\$pulse) near3 waveform) and ((natural resonant resonance) adj3 (period frequency)) and 347/10,11. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 08:45